Amendments to the Claims (As Amended to Incorporate the Article 34 Amendments):

Please substitute pages 8 and 11 with the attached amended pages 8 and 11 of the claims as originally filed. The new pages incorporate revisions to the international PCT application which were modified under Article 34.

Before claim 1 on amended page 8 insert --We claim:--

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~F~~A frequency converter, in particular for construction site devices operated with an electrical current having a higher frequency than line frequency, ~~having~~comprising:

- a converter device for converting the electrical current frequency[~~,~~]; and ~~having~~comprising

- a housing that surrounds the converter device,

the housing ~~having~~comprising[~~:~~]

_____- a converter receptacle ~~(14)~~ that surrounds a board chamber ~~(28)~~ for the converter device,

_____- a housing segment that is connected to the converter receptacle ~~(14)~~ and that acts as a cooling area ~~(30)~~, inside which there are situated cooling air ducts ~~(40, 41, 56)~~ and a fan ~~(34)~~ that is suitable for conveying cooling air through the cooling air ducts, and

_____- in the cooling area ~~(30)~~, 1) an external, first annular profile ~~(16)~~, and 2)[~~-~~] additional annular profiles ~~(36, 48)~~ that are oriented to one another in relation to the axis of the first annular profile ~~(16)~~ in such a way that the annular profiles ~~(16, 36, 48)~~ surround each other with a distance from one another, transverse to a main axial direction, so as to form at least two annular chambers ~~(40, 56)~~ that act as cooling air ducts;

[-] wherein the annular profiles ~~(36, 48)~~ situated inside the first annular profile ~~(16) ending~~ end with an axial spacing from the separating wall ~~(31)~~ of the converter receptacle ~~(14)~~ so as to form an air deflection area ~~(41)~~ that acts as a cooling air duct.

2. (Currently Amended) ~~F~~The frequency converter according to Claim 1, ~~**characterized in that**~~ wherein the cooling area ~~(30)~~ has a transformer chamber ~~(38)~~, adjacent to the cooling air ducts ~~(40, 41, 56)~~, for accommodating an isolating transformer ~~(60a, 60b, 60c)~~ for producing an output voltage that differs from a line voltage.

3. (Currently Amended) ~~F~~The frequency converter according to Claim 1 ~~or 2~~, ~~**characterized in that**~~ wherein the converter receptacle ~~(14)~~ and the cooling area ~~(30)~~ are coupled with one another thermally by a separating wall ~~(31)~~.

4. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] 1 ~~to 3~~, ~~**characterized in that**~~ wherein the fan ~~(34)~~ is situated inside the first annular profile ~~(16)~~, coaxial thereto, in such a way that it is suited to suction a cooling air stream via one of the annular chambers ~~(40)~~ and to guide this air stream past at least a part of the separating wall ~~(31)~~ in the air deflection area ~~(41)~~, and to expel the air stream via a different annular chamber ~~(56)~~ according to the counterflow principle.

5. (Currently Amended) ~~F~~The frequency converter according to Claim 4, ~~**characterized in that**~~ wherein the fan ~~(34)~~ is situated in the air deflection area ~~(41)~~.

6. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] 4 ~~or 5~~, ~~**characterized in that**~~ wherein adjacent to the first annular profile ~~(16)~~ there is situated a second annular profile ~~(36)~~ that surrounds an annular transformer chamber ~~(38)~~ that is limited inwardly by a third annular profile ~~(48)~~.

7. (Currently Amended) ~~F~~The frequency converter according to Claim 6, ~~characterized in that~~ wherein, in order to form a heat sink, the third annular profile ~~(48)~~ is made up of an outer ring ~~(49)~~ and an inner ring ~~(54)~~, cooling fins ~~(50, 52)~~ being situated in the area between the outer and inner ring that form a wall of one of the annular chambers ~~(56)~~ acting as cooling air ducts.

8. (Currently Amended) ~~F~~The frequency converter according to Claim 7, ~~characterized in that~~ wherein a part ~~(52)~~ of the cooling fins connects the outer ring and the inner ring ~~(49, 54)~~ to one another, and between these cooling fins ~~(52)~~, fins ~~(50)~~ are situated on the outer ring ~~(49)~~ that freely protrude radially inward.

9. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] ~~4 to 8~~, ~~characterized in that~~ wherein the outer, first annular profile ~~(16)~~ engages with the adjacent annular profile ~~(36)~~ according to the tongue-groove principle ~~(42, 44)~~.

10. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] ~~6 to 9~~, ~~characterized in that~~ wherein the transformer chamber ~~(38)~~ can be closed in the axial direction by annular covers ~~(46, 47)~~ that extend between the outer limitation, by the second annular profile ~~(36)~~, and the inner limitation, by the third annular profile ~~(48)~~, of the transformer chamber.

11. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] ~~6 to 10~~, ~~characterized in that~~ wherein the transformer chamber ~~(38)~~ contains a toroidal core transformer assembly ~~(60a, 60b, 60c)~~.

12. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] ~~1 to 11~~, ~~characterized in that~~ wherein the annular profiles are extruded profiles.

13. (Currently Amended) ~~F~~The frequency converter according to Claim 12, ~~characterized in that~~ wherein the extruded profiles ~~(16, 36, 48)~~ are aluminum extruded profiles that have been cut to fit.

14. (Currently Amended) ~~F~~The frequency converter according to Claim[s] 1 ~~and 4~~, ~~characterized in that~~ wherein the outer, first annular profile ~~(16)~~ is connected in centering fashion with the converter receptacle ~~(14)~~.

15. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] 1 ~~to 14~~, ~~characterized in that~~ wherein the converter receptacle ~~(14)~~ is made up essentially of an aluminum cast part.

16. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] ~~4 to 9 and Claim 10~~, ~~characterized in that~~ wherein the third annular profile ~~(48)~~ is centered in relation to the second annular profile ~~(36)~~, which is adjacent to the first annular profile ~~(16)~~, by the cover ~~(46, 47)~~ that closes the transformer chamber ~~(38)~~.

17. (Currently Amended) ~~F~~The frequency converter according to Claim 4, ~~characterized in that~~ wherein the fan ~~(34)~~ is situated such that it suctions cooling air via the annular chamber ~~(40)~~ adjacent to the first, outer annular profile ~~(16)~~, and conducts this air to the outside via the annular chamber ~~(56)~~ enclosed by the transformer chamber ~~(38)~~.

18. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] 1 ~~to 17~~, ~~characterized in that~~ wherein the cooling area ~~(30)~~ is closed in the axial direction on the one hand by the separating wall ~~(31)~~ of the converter receptacle ~~(14)~~ and on the other hand by a cover ~~(18)~~ that is provided with air passage openings ~~(21)~~.

19. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] 1 ~~to 18~~, ~~**characterized in that**~~ wherein the board chamber ~~(28)~~ is closed on the one hand by the separating wall ~~(31)~~ of the converter receptacle ~~(14)~~ and on the other hand by a front plate ~~(22)~~.

20. (Currently Amended) ~~F~~The frequency converter according to ~~one of~~ Claim[s] 1 ~~to 19~~, ~~**characterized in that**~~ wherein a converter board ~~(32)~~ housed in the board chamber is encapsulated with a power module and is exchangeable.